

07/08/05

Supersedes Spec. Attn. dated 10/1/92, 11/29/93, 9/11/97; 04/30/98

SPECIAL ATTENTION**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) STORM
WATER CONSTRUCTION GENERAL PERMIT REQUIREMENTS**

Contractors are advised that 40 CFR Part 122 applies to this project. This provision prohibits point source discharges of storm water associated with construction activity to water bodies of the United States without a National Pollutant Discharge Elimination System (NPDES) storm water construction general permit.

This project is eligible for coverage under the reissued NPDES Storm Water Construction General Permit for Storm Water Discharge from construction sites which was published in the Federal Register Volume 68, No. 126 on Tuesday July 1, 2003. Contractors shall prepare and submit a copy of the Environmental Protection Agency (EPA), Notice of Intent (NOI) Form 3510-9 at least 7 days prior to commencement of construction on any site which will result in the disturbance of the land.

Other provisions of the General Permit requires a Storm Water Pollution Prevention Plan to be prepared, implemented, kept current, and maintained on the project site along with inspection reports; and when the project site has been finally stabilized and storm water discharges from construction activities have been eliminated, a Notice of Termination (NOT) Form 3510-7 must be prepared and submitted to the Environmental Protection Agency.

Attached is a copy of the Notice of Intent, a Notice of Termination, and an outline for a Construction (Storm Water) Pollution Prevention Plan.

An "active status" of the all submitted NOI's is required prior to commencing any work on the project.

On both the Notice of Intent (NOI) and the Notice of Termination (NOT) forms the information relative to the Facility Operator Information shall be that of the prime Contractor.

It is suggested to file NOI and NOT via the EPA website:

<http://cfpub.epa.gov/npdes/stormwater/enoi.cfm>.

STORM WATER POLLUTION PREVENTION PLAN (SWPPP) PREPARATION FOR THE NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES

The Construction General Permit (CGP) issued by EPA, authorizes storm water discharges from large and small construction activities that result in a total land disturbance of equal or greater than one acre, where those discharges enter surface waters of the United States or a municipal separate storm sewer system (MS4) leading to surface waters of the United States subject to the conditions set forth in the CGP. The goal of this permit is to reduce or eliminate storm water pollution from construction activities by requiring planning and implementing appropriate pollution control practices to protect water quality.

The CGP requires development of a Storm Water Pollution Prevention Plan (SWPPP). The Department of Transportation (NHDOT) directs its contractors to prepare the SWPPP on its behalf. The following information is provided for general guidance in the development of the SWPPP. Such guidance will be in effect until otherwise noted.

Guidance Documents: A copy of the EPA “Storm Water Pollution Prevention Plan Checklist” is attached for reference. This document was published in 1992. Although it is helpful in developing the SWPPP, it may not be consistent with all the requirements in the 2003 Construction General Permit (CGP). Go to <http://cfpub.epa.gov/npdes/stormwater/swppp.cfm>, for additional guidance.

Contents of the SWPPP - A document labeled as a “SWPPP” shall be prepared and retained on the project site. The SWPPP shall be comprised of the following contents, and the requirements contained therein:

- Site activity and description.
- Controls to reduce pollution.
- Maintenance controls.
- NPDES General Permit for Discharges From Large and Small Construction Activities (CGP) registered on July 1, 2003
- Copy of the owner’s and operator’s NOI application filed with EPA
- A copy of EPA’s acknowledgement letters, for both the owner and operator, noting receipt of, and administratively complete NOI
- Certification of documents as noted in the permit in Appendix G – Standard Permit Conditions page G-3, Section 11(D), signed by both the owner and operator.
- Documentation of permit eligibility related to Federally -listed endangered species, provided by the NHDOT upon request.
- Identification of non-storm water discharges
- Inspection reports
- Applicable state, tribal and local programs.

All of the pertinent information noted above shall be contained in one document labeled as a “SWPPP”

Making plans available - The SWPPP shall be prepared **prior to** the submission of the NOI to EPA. A copy of the SWPPP, NOIs, and acknowledgement letters from EPA must be retained at the construction site.

A sign or other notice containing the following information shall be posted at the construction site:

- Copy of the completed NOIs as submitted to the EPA Storm Water Notice Processing Center.
- If the location of the SWPPP or the name and telephone number of the contact person for scheduling SWPPP viewing times has changed, the current location of the SWPPP and name and telephone number of a contact person for scheduling viewing times.
- The SWPPP is to be kept at the construction facility during the entire construction period. The plans should be submitted to EPA for review **only** when requested by EPA.

Deadlines: The SWPPP shall be prepared **prior to** the submission of the NOI. The construction project must comply with the provisions of the plan throughout the construction period. The plan must be updated as appropriate. Reference the Special Attention (National Pollutant Discharge Elimination System (NPDES) Storm Water Construction General Permit Requirements) regarding the deadlines for submission of the NOI relative to the start of construction activities.

EPA BASELINE CONSTRUCTION GENERAL PERMIT REQUIREMENTS PRE- CONSTRUCTION CHECKLIST

Storm Water Pollution Prevention Plans

1. A site description, including:
 - ☐ The nature of the activity?
 - ☐ Intended sequence of major construction activities
 - ☐ The total area of the site
 - ☐ The area of the site that is expected to undergo excavation
 - ☐ The runoff coefficient of the site after construction is complete
 - ☐ Existing soil or storm water data
 - ☐ A site map with:
 - ☐ Drainage patterns
 - ☐ Approximate slopes after major grading
 - ☐ Area of soil disturbance
 - ☐ Outline of areas which won't be disturbed
 - ☐ Location of major structural and non-structural controls
 - ☐ Areas where stabilization practices are expected to occur
 - ☐ Surface waters
 - ☐ Storm water discharge locations
 - ☐ The name of the receiving water(s)
2. A description of controls:
 - 2.1 Erosion and sediment controls, including:
 - ☐ Stabilization practices for all areas disturbed by construction
 - ☐ Structural practices for all drainage/discharge locations
 - 2.2 Storm water management controls, including:
 - ☐ Measures used to control pollutants occurring in storm water discharges after construction activities are complete.
 - ☐ Velocity dissipation devices to provide nonerosive flow conditions from the discharge point along the length of any outfall channel.
 - 2.3 Other controls including:
 - ☐ Waste disposal practices which prevent discharge of solid materials to waters of the U.S.?
 - ☐ Measures to minimize offsite tracking of sediments by construction vehicles
 - ☐ Measures to ensure compliance with State or local waste disposal, sanitary sewer, or septic system regulations
 - 2.4 ☐ Description of the timing during the construction when measures will be implemented.
3. ☐ Are State or local requirements incorporated into the plans?
4. ☐ Are maintenance procedures for control measures identified in the plan?
5. ☐ Identification of allowable non-storm water discharges and pollution prevention measures.
6. ☐ Contractor certification.
7. ☐ Plan certification.

EPA BASELINE CONSTRUCTION GENERAL PERMIT CHECKLIST

Storm Water Pollution Prevention Plan Construction/Implementation Checklist

1. Maintain Records of Construction Activities, including:
 - ☐ Dates when major grading activities occur
 - ☐ Dates when construction activities temporarily cease on a portion of the site
 - ☐ Dates when construction activities permanently cease on a portion of the site
 - ☐ Dates when stabilization measures are initiated on the site
2. Prepare Inspection reports summarizing:
 - ☐ Name of inspector
 - ☐ Qualifications of inspector
 - ☐ Measures/areas inspected
 - ☐ Observed conditions
 - ☐ Changes necessary to the SWPPP
3. Report Releases of Reportable Quantities of Oil or Hazardous Materials (if they occur):
 - ☐ Notify National Response Center 800/424-8802 immediately
 - ☐ Notify permitting authority in writing within 14 days
 - ☐ Modify the pollution prevention plan to include:
 - the date of release
 - circumstances leading to the release
 - steps taken to prevent reoccurrence of the release
4. Modify Pollution Prevention Plan as necessary to:
 - ☐ Comply with minimum permit requirements when notified by EPA that the plan does not comply
 - ☐ Address a change in design, construction operation or maintenance which has an effect on the potential for discharge of pollutants
 - ☐ Prevent reoccurrence of reportable quantity releases of a hazardous material or oil

EPA BASELINE CONSTRUCTION GENERAL PERMIT CHECKLIST

Storm Water Pollution Prevention Plan Final Stabilization/Termination Checklist

1. ☐ All soil disturbing activities are complete
2. ☐ Temporary erosion and sediment control measures have been removed or will be removed at an appropriate time
3. ☐ All areas of the construction site not otherwise covered by a permanent pavement or structure have been stabilized with a uniform perennial vegetative cover with a density of 70% or equivalent measures have been employed

**POLLUTION PREVENTION PLAN FOR STORM WATER DISCHARGE ASSOCIATED WITH
CONSTRUCTION ACTIVITIES
EROSION AND SEDIMENT CONTROL SELECTION CHECKLIST**

INSTRUCTIONS: THIS CHECKLIST LISTS THE MINIMUM SEDIMENT EROSION CONTROL REQUIREMENTS UNDER THE USEPA GENERAL PERMIT. CHECK [✓] EACH ITEM AND FILL IN THE BLANKS BELOW TO EVALUATE COMPLIANCE FOR EACH DRAINAGE AREA AND LOCATION. NOTE: THIS CHECKLIST WAS PREPARED FOR THE USEPA GENERAL PERMIT. REQUIREMENTS FOR STATE GENERAL PERMITS MAY VARY.

Stabilization Practices

- ☐ Stabilization will be initiated on all disturbed areas where construction activity will not occur for a period of more than 21 calendar days by the 14th day after construction activity has permanently or temporarily ceased.

Stabilization measures to be used include:

- | | |
|--|--|
| <input type="checkbox"/> Temporary Seeding | <input type="checkbox"/> Sod Stabilization |
| <input type="checkbox"/> Permanent Seeding | <input type="checkbox"/> Geotextiles |
| <input type="checkbox"/> Mulching | <input type="checkbox"/> Other _____ |

Structural Practices

- ☐ Flows from upstream areas will be diverted from exposed soils. Measures to be used include:

- | | |
|---|---|
| <input type="checkbox"/> Earth Dike | <input type="checkbox"/> Pipe Slope Drain |
| <input type="checkbox"/> Drainage Swale | <input type="checkbox"/> Other |
| <input type="checkbox"/> Interceptor Dike and Swale | |

Drainage locations serving less than 10 disturbed acres	Drainage locations serving 10 or more disturbed acres
<input type="checkbox"/> Sediment controls will be installed Sediment controls include: <input type="checkbox"/> Sediment Basin <input type="checkbox"/> Sediment Trap <input type="checkbox"/> Silt Fence or equivalent controls along all sideslope and downslope boundaries	<input type="checkbox"/> A Sediment Basin will be installed <input type="checkbox"/> A Sediment Basin is not attainable on the site; therefore, the following sediment controls will be installed: Sediment Trap Silt Fence or equivalent controls along the sideslope and downslope boundaries

Sediment Basin Runoff Storage Calculation

_____ acres area draining to the sediment basin

X
3,600 cubic feet of storage/acre

=

_____ cubic feet of storage required for the basin.